

**PATENT APPLICATION FEE DETERMINATION RECORD**  
 Effective October 1, 2001

Application or Docket Number

10046637

**CLAIMS AS FILED - PART I**

	(Column 1)	(Column 2)
TOTAL CLAIMS	9	
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	9 minus 20 =	* 0
INDEPENDENT CLAIMS	3 minus 3 =	* 0
MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/>		

\* If the difference in column 1 is less than zero, enter "0" in column 2

**CLAIMS AS AMENDED - PART II**

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	* 4	Minus ** 9	=
Independent	* 1	Minus *** 3	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus **	=
Independent	*	Minus ***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus **	=
Independent	*	Minus ***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

SMALL ENTITY TYPE ☐

OR OTHER THAN SMALL ENTITY

RATE	FEE
BASIC FEE	370.00
X\$ 9=	
X42=	
+140=	
TOTAL	

RATE	FEE
BASIC FEE	740.00
X\$18=	
X84=	
+280=	
TOTAL	740

SMALL ENTITY

OR OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE
X\$ 9=	
X42=	
+140=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X84=	
+280=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$ 9=	
X42=	
+140=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X84=	
+280=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$ 9=	
X42=	
+140=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X84=	
+280=	
TOTAL ADDIT. FEE	

United States Patent and Trademark Office  
- Sales Receipt -

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01 FC:1252 450.00 DA

Appl. No. 10/046,634  
Amendment and/or Reply  
to the Office Action of 4 August 2005

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**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

Appl. No.: 10/046,634  
Applicant(s): A.C. Den Brinker, et al.  
Filed: January 14, 2002

TC/A.U.: 2600/2654  
Examiner: V. Paul Harper

Atty. Docket: NL 010450

Title: Linking In Parametric Encoding

**CERTIFICATE OF MAILING OR  
TRANSMISSION**

I certify that this correspondence is being:  
[ ] deposited with the U.S. Postal Service  
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22313-1450.

[X] transmitted by facsimile to the U.S.  
Patent and Trademark Office at (571)273-  
8300.

On: 4 January 2006

By:   
William B. Francos

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**JAN 04 2006**

**AMENDMENT and/or REPLY under 37 C.F.R. § 1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the non-final Office action dated August 4, 2005, please amend  
the above referenced application as follows and reconsider the application in light of  
the following remarks.

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is not clearly articulated in the Office Action how the table of page 6 of the reference to *Tairo, et al.* relates to the calculating unit of claim 1:

Moreover, in the rejection of claim 8, the Office Action relies on page 5, line 10 through page 7, line 10 of *Tairo, et al.* for the disclosure of a sinusoidal estimating unit. However, one is left to wonder what element of the disclosure of *Tairo, et al.* is the sinusoidal estimating unit.

Respectfully, Applicants have paid the appropriate claim fees for this application. Applicants are entitled to a full and complete examination of each and every pending claim, including all features recited therein. If the Examiner cannot cite prior art taken alone or in combination which would have produced the linking unit, parametric encoder and method of claims 1,2,8 and 9, then Applicants respectfully submit that they are entitled to an allowance of their claims as a matter of law. Accordingly, the Examiner is respectfully requested to cite something in the prior art disclosing the device including all of the features recited in the various claims 1, 2, 8 and 9 or else allow Applicants' claims.

### III. Conclusion

In view of the foregoing, applicant(s) respectfully request(s) that the Examiner withdraw the objection(s) and/or rejection(s) of record, allow all the pending claims, and find the application in condition for allowance. If any points remain in issue that may best be resolved through a personal or telephonic interview, the Examiner is respectfully requested to contact the undersigned at the telephone number listed below.

If necessary, the Commissioner is hereby authorized in this, concurrent, and further replies to charge payment or credit any overpayment to Deposit Account Number 50-0238 for any additional fees, including, but not limited to, the fees under 37 C.F.R. §1.16 or under 37 C.F.R. §1.17.

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Amendment and/or Reply  
to the Office Action of 4 August 2005

Respectfully submitted,



William S. Francos, Esq.  
Reg. 38,456

January 4, 2006  
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Atty. Docket No. NL 010450